

## Analysis Seminar

Title:	Metric approximation property of Lipschitz-free spaces over certain subsets of $\mathbb{R}^n$ .
Speaker:	Filip Talimdjioski
Date:	Tue 12th May 2020 at 4:00PM
Location:	Seminar Room SCN 1.25

Abstract: t is known that the Lipschitz-free space over compact subsets of  $(\mathbb{R}^n, \|\cdot\|)$  that are 'locally downwards closed' (a type of boundary condition), has the metric approximation property, where  $\|\cdot\|$  is an arbitrary norm on  $\mathbb{R}^n$  (E. Pernecka and R. Smith, 2015). I will present a generalisation of this result, namely, that the Lipschitz-free space over any closed and locally downwards closed subset of  $(\mathbb{R}^n, \|\cdot\|)$  has the metric approximation property, where  $\|\cdot\|$  is an arbitrary norm.

https://zoom.us/j/96672152151?pwd=eEZhY3NjZm45K1F6V2NiQWhqK0Rtdz09